

ESTTA Tracking number: **ESTTA344805**Filing date: **04/29/2010**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE TRADEMARK TRIAL AND APPEAL BOARD**Petition for Cancellation**

Notice is hereby given that the following party requests to cancel indicated registration.

Petitioner Information

Name	Pac-Dent International, Inc.		
Entity	Corporation	Citizenship	California
Address	21078 Commerce Pointe Drive Walnut, CA 91789 UNITED STATES		

Attorney information	Philip H. Gottfried, Esq. AMSTER, ROTHSTEIN & EBENSTEIN LLP 90 Park Avenue New York, NY 10016 UNITED STATES ptodocket@arelaw.com Phone:212-336-8000
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Registration Subject to Cancellation

Registration No	3762233	Registration date	03/23/2010
Registrant	Sulzer Mixpac AG RÄ¼tistrasse 7 Haag (Rheintal), CH-9469 SWITZERLAND		

Goods/Services Subject to Cancellation

Class 007. First Use: 1997/12/31 First Use In Commerce: 1997/12/31 All goods and services in the class are cancelled, namely: Mixing tips used with dispensers of two part compositions for use in connection with power-operated and machine-operated dispensing guns used for mixing adhesives and sealants for use in the construction, automotive, electronics, aerospace, and industrial assembly and repair industries
Class 008. First Use: 1997/12/31 First Use In Commerce: 1997/12/31 All goods and services in the class are cancelled, namely: Mixing tips used with dispensers of two part compositions for use in connection with manually-operated dispensing guns used for mixing adhesives and sealants for use in the construction, automotive, electronics, aerospace, and industrial assembly and repair industries
Class 010. First Use: 1997/12/31 First Use In Commerce: 1997/12/31 All goods and services in the class are cancelled, namely: Mixing tips used with dispensers of two part compositions for dental applications

Grounds for Cancellation

The mark comprises matter that, as a whole, is functional	Trademark Act section 2(e)(5)
Other	Registrant#s Mixing Tip Lacks Secondary Meaning; Registrant Has Not Used Its Mixing Tip In Commerce In Connection With Class 10

	Goods Within The Meaning Of The Lanham Act; Registrant Has Not Submitted A Proper Specimen Of Use; and Registrant Has Not Used Its Mixing Tip In Commerce In Connection With The Class 7 Goods
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Attachments	Petition to Cancel - 233 Registration.pdf (23 pages)(2552505 bytes)
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Certificate of Service

The undersigned hereby certifies that a copy of this paper has been served upon all parties, at their address record by Overnight Courier on this date.

Signature	/Philip H. Gottfried/
Name	Philip H. Gottfried, Esq.
Date	04/29/2010

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE TRADEMARK TRIAL AND APPEAL BOARD**

- - - - -X		
PAC-DENT INTERNATIONAL, INC,	:	
	:	
Petitioner,	:	Cancellation No.
	:	
v.	:	<u>PETITION TO CANCEL</u>
	:	
SULZER MIXPAC AG,	:	
	:	
Registrant.	:	
- - - - -X		

Honorable Commissioner for Trademarks
Washington, D.C. 20231

SIR: In the matter of U.S. Trademark Registration No. 3,762,233 for the trademark of a teal mixing tip in International Classes 7, 8 and 10, registered March 23, 2010 (the “Subject Registration”) to Sulzer Mixpac AG, a corporation organized and existing under the laws of Switzerland, currently having a place of business at Rütistrasse 7, Haag (Rheintal) CH-9469 Switzerland (“Registrant”), Pac-Dent International, Inc., a corporation organized and existing under the laws of the State of California, having an office and place of business at 21078 Commerce Pointe Drive, Walnut, California 91789 (“Petitioner”) believes that it is and will continue to be damaged by the above identified registration and hereby petitions to cancel the same.

As grounds therefor, it is alleged as follows:

Facts Common To All Counts

1. Petitioner has been offering for sale and selling mixing tips for use with dispensers of two-part compositions for dental applications. Such mixing tips as offered for sale and sold by Petitioner have been offered in various colors including the color teal, in order to

indicate the size of the orifice for such mixing tips, in order to indicate viscosity as is industry practice, and in order to facilitate the matching of the mixing tips with corresponding cartridges having the same color.

2. On or about December 1, 2008, Registrant filed a trademark application to register the subject mark ("Registrant's Mixing Tip") in International Class 10 for "mixing tips used with dispensers of two part compositions for dental and industrial applications" and described the mark as follows:

The mark consists of the color teal as applied to a futuristic, dome-façade tip having a smooth bottom portion, a slightly indented middle portion consisting of uniform continuous ridges, an upper portion angled inwardly which narrows and restricts to a top portion that attaches to a transparent stem which encases a corkscrew like element. The dotted outline of the bottom tab and top tabs on the dome-façade tip, the stem and the corkscrew like element is intended to show position of the mark on the goods and is not part of the mark.

3. This Application later matured into the Subject Registration, covering:

mixing tips used with dispensers of two part compositions for use in connection with power-operated and machine-operated dispensing guns used for mixing adhesives and sealants for use in the construction, automotive, electronics, aerospace, and industrial assembly and repair industries in Class 7; mixing tips used with dispensers of two part compositions for use in connection with manually-operated dispensing guns used for mixing adhesives and sealants for use in the construction, automotive, electronics, aerospace, and industrial assembly and repair industries in Class 8; and mixing tips used with dispensers of two part compositions for dental applications in Class 10.

4. During prosecution of the subject Application, the description of Registrant's Mixing Tip was amended as follows:

The color(s) teal is/are claimed as a feature of the mark. The mark consists of the color teal and the configuration of a futuristic, dome-façade tip having a smooth bottom

portion, a slightly indented middle portion, an upper portion angled inwardly which narrows and restricts to a top portion that attaches to a transparent stem which encases a corkscrew like element. The dotted outline of the bottom tab and top tabs on the dome-façade tip, the slightly indented middle portion consisting of uniform continuous ridges, the stem and the corkscrew like element is intended to show position of the mark on the goods and is not part of the mark.

5. The Subject Registration issued pursuant to Section 2(f) of the Lanham Act, meaning that Registrant's Mixing Tip purportedly has acquired secondary meaning.

6. Registrant's Mixing Tip, as a product configuration, is only entitled to protection if Registrant can establish that the Mixing Tip is non-functional and has met the stringent standards for secondary meaning.

7. For the reasons discussed more fully below, Registrant's Mixing Tip is functional, and therefore, the Subject Registration should be canceled.

8. For the reasons discussed more fully below, Registrant's Mixing Tip has not acquired secondary meaning, and therefore, should be canceled on this basis as well.

9. For the reasons discussed more fully below, the Subject Registration should be canceled, in whole or part, on a number of other grounds, including failure to use the Mixing Tip in lawful commerce and failure to submit an appropriate specimen of use with the Subject Registration.

Registrant's Defective Specimen Of Use

10. Registrant's specimen of use for the Subject Registration is comprised of three pages which appear to be an offering by ConProTec, Inc. of "static mixers" identified as the "Mix Pack S50 System" and which include a black and white line drawing of a schematic of a mixing tip along with specifications for various inner mixing tip diameters. The advertisement includes a showing of a "size place" array of mixing tips with various color attachment members

including teal, and also includes a copy of what appears to be a showing of a series of dual-material cartridges, each with color coded end caps which correspond to the mixing tip colors, mixing tips of various sizes with attachment member ends and what appears to be a manually-operated dispensing gun which at least arguably appears to accept the cartridges.

11. The specimen of use does not mention Registrant.

12. The specimen of use contains a statement adjacent to the showing of the “size place” array of tips that the “design of the mixer allows for the mixing and dispensing of higher viscosity adhesives,” and the further statement that “[a] color-coding system has been implemented ... to help the user easily identify the appropriate cap and static mixer combination.”

13. Although the specimen of use also includes a purported “point of sale” display, there is no indication of by whom, how or where this is used - for example, whether it is a photograph that appears in a showroom.

It Is Unclear What, If Anything, the Subject Registration Purports To Cover, Other Than The Color Teal

14. It is unclear whether the Subject Registration purports to cover anything other than the color teal. Although Registrant alleged, during prosecution of the Subject Registration, that it is also claiming the “dome-façade tip”, this is belied by the description of Registrant’s Mixing Tip in the Subject Registration. Specifically, when the Subject Registration issued, the following was disclaimed:

The dotted outline of the bottom tab and top tabs on the dome-façade tip, the slightly indented middle portion consisting of uniform continuous ridges, the stem and the corkscrew like element is intended to show position of the mark on the goods and is not part of the mark . . .

That leaves virtually no part of the mixing tip that is not disclaimed and certainly no part that can be recognized as a mark.

**Registrant's False and Misleading Statements
During Prosecution of the Subject Registration**

15. The Subject Registration was initially refused registration based on lack of secondary meaning and functionality.

16. Registrant sought to overcome these refusals by arguing that “Federal Court has already ruled [Registrant’s Mixing Tip]” is non-functional and has acquired distinctiveness.” However, this representation is false and misleading, since none of the cases relied on by Registrant involve a decision on the merits or even a substantive review of Registrant’s purported rights in its Mixing Tip. Instead, each case was decided based on a default judgment or consent decree.

17. Registrant also tried to overcome the lack of secondary meaning refusal by arguing that it does, in fact, utilize “look for” advertising. In particular, Registrant alleged:

[Registrant] informs its customers and the market that the product, shape and color are trademarks of the Registrant. Attached is a label which travel with [Registrant]’s goods when shipped from its factory in Switzerland to its customers. . . . The label prominently details Product Shape and Color™ - educating the marketplace about [Registrant]’s trademark rights to the aesthetic features of its mixing tip.

18. Registrant’s statement above is false and misleading. As indicated in attached Exhibit A, which is a copy of the label referenced in Registrant’s statement, Registrant merely uses:

Product Shape and Color™

on a packaging insert. However, this advertising does not direct consumers to the “dome-facade tip” and teal coloring of Registrant’s Mixing Tip; it merely indicates that Registrant is

claiming trademark rights in the words Product Shape and Color - *e.g.*, Product Shape and Color brand mixing tips.

The Subject Registration Should Not Have Issued

19. Upon information and belief, the Subject Registration should never have issued in view of the fact that Registrant did not, during the prosecution of the application which matured into the Subject Registration, comply with the applicable rules of the United States Patent and Trademark Office concerning, *inter alia*, providing appropriate specimens of use; not making false and/or misleading statements to the Examining Attorney in response to the outstanding Office Actions; failing to comply in an appropriate manner with the requirements of the Examining Attorney to establish that Applicant's Mixing Tip has secondary meaning and is non-functional; failing to comply with the requirements of law with regard to and adherence to regulations of other government entities;

Registrant Commences A Litigation Against Petitioner

20. On or about March 23, 2010, Registrant and a third party commenced a litigation against Petitioner and others in the United States District Court for the Southern District of New York entitled Sulzer Mixpac U.S.A., Inc., and Sulzer Mixpac AG, plaintiffs v. Pac-Dent International, Inc.; Pac-Dent, Inc.; Pac-Dent International (Suzhou), Ltd.; and Daniel Y. Wang, defendants, Civil Action No. 1:09-cv-10430 (DAB), ("the Civil Action") alleging *inter alia*, infringement of the mark in the Subject Registration.

21. Accordingly, Petitioner is, has been and will continue to be damaged by the existence on the register of U.S. trademark registration No. 3,762,233 as a result of said Civil Action and further as a result of the facts and circumstances recited hereinafter.

22. Petitioner is and continues to be further damaged by the continued existence of the Subject Registration on the Principal Register since the continued existence of said

registration clothes Registrant with the apparent *prima facie* exclusive right to use Registrant's Mixing Tip in commerce on the goods specified in the registration when, in fact, Registrant does not have such rights.

COUNT I
REGISTRANT'S MIXING TIP IS FUNCTIONAL

23. Petitioner repeat and reallege the allegations contained in the preceding Paragraphs as if fully set forth herein.

24. Registrant's Mixing Tip is functional.

25. In particular, the color teal is functional because it is used to show that the impression paste components with which a mixer tip is to be used have a medium viscosity i.e., thinner than the types of impression pastes with which a yellow mixing tip would be used but thicker than the types of impression pastes with which a purple mixing tip would be used.

26. Registrant's Mixing Tip is also functional because it is necessary for competitors to use the color teal in order to facilitate the matching of the mixing tips with corresponding cartridge caps and intra-oral tips that have the same color.

27. The specimen of use provided by Registrant demonstrates the functional nature of the color teal. Specifically, the specimen indicates that "a color coding system has been implemented . . . to help the user easily identify the appropriate [mixing tip and cartridge] combination."

28. Other marketing material used by Registrant similarly evidences the functional nature of the color teal. For example, Registrant's product literature uses the heading "color coding - matching mixer to product", and include the following language: "To simplify handling, [Registrant] uses color-coded mixers and outlet caps. The color for the outlet cap used for a

certain dental product identifies the most suitable mixer for this product.” See examples of Registrant’s marketing material, attached collectively as Exhibit B.

29. Moreover, the color teal is functional because, upon information and belief, it has become an industry standard for mixing tips used to dispense product of a medium viscosity, and therefore, consumers have come to view the color of Registrant’s Mixing Tip as a type of mixing tip rather than source identifying, and competitors need to be able to use this color tip in order to compete effectively in the market.

30. Although Registrant’s Mixing Tip also includes a “dome-façade tip”, this is not enough to make Registrant’s Mixing Tip, in its entirety, non-functional, since the “dome-façade tip” is a *de minimis* addition to Registrant’s Mixing Tip, particularly in view of most of its features having been disclaimed by Registrant.

31. In addition, the dome shape is only a trivial variation of the ordinary shape of a tip.

32. Moreover, as a practical matter, the dome shaped tip is so small that the non-disclaimed elements will not be noticed by a prospective purchaser or the user unless he or she holds the Mixing Tip extremely close to his or her face, and makes a point of looking at the shape of the tip.

33. Moreover, Registrant is not even claiming the “dome-façade tip”, because, as discussed more fully above, the description of Registrant’s Mixing Tip in the Subject Registration indicates that most, if not all, of the elements of the dome are being disclaimed.

34. The functional nature of Registrant’s Mixing Tip is further underscored by the fact that Registrant’s U.S. Application Serial No. 77/848,340, for the same design as Registrant’s Mixing Tip, but without a color claim, has been refused registration on the basis of functionality.

35. The functional nature of Registrant's Mixing Tip is still further underscored by the fact that Registrant didn't present any evidence to rebut the original functional refusal cited by the Examining Attorney in the Office Action of February 23, 2009.

36. Although Registrant claimed that the "Federal Court has already ruled [Registrant's Mixing Tip]" . . . non-functional," as discussed above, this representation is false and misleading, since none of the cases relied on by Registrant involve a substantive review of Registrant's purported rights in its Mixing Tip and a judicial holding after such review.

37. Lastly, the functional nature of Registrant's Mixing Tip is, upon information and belief, evidenced by third party use of similar mixing tip designs.

38. Based on the foregoing, Registrant's Mixing Tip is functional, and therefore, the Subject Registration should be canceled.

COUNT II
REGISTRANT'S MIXING TIP LACKS SECONDARY MEANING

39. Petitioner repeats and realleges the allegations contained in the preceding Paragraphs as if fully set forth herein.

40. Registrant's Mixing Tip lacks secondary meaning.

41. Registrant has failed to provide a scintilla of evidence to establish that its Mixing Tip functions as a brand - i.e., that the trade and/or perspective customers view Registrant's Mixing Tip as source identifying.

42. For example, Registrant does not employ any kind of "look for" advertising, directing consumers to "look for" its "dome-façade tip" or teal coloring.

43. As discussed more fully above, although Registrant argued, during prosecution of the Subject Registration, that it does, in fact, utilize "look for" advertising, this statement is false and misleading, since Registrant's use of Product Shape and Color™ merely indicates that

Registrant is claiming trademark rights in the words Product Shape and Color, and does nothing to draw the consumer's attention to the dome shaped tip or teal coloring of Registrant's Mixing Tip as indicating a particular source.

44. Although Registrant also claimed secondary meaning based on its representation that "Federal Court has already ruled [Registrant's Mixing Tip]" . . . has acquired distinctiveness," as discussed above, this representation is false and misleading, since none of the cases relied on by Registrant involve a contested review of Registrant's purported rights in its Mixing Tip and a true judicial holding after such review.

45. The only other purported evidence of secondary meaning Registrant provided in its July 30, 2009 Response was self-serving declarations by its own employees, which, under established Trademark Office precedent, should not have even been considered.

46. Notably, Registrant did not provide any survey evidence in support of its claim of secondary meaning, nor any declarations from third party dealers, customers or prospective customers.

47. In addition, upon information and belief, there is third party use of designs similar to Registrant's Mixing Tip (including the use of a teal mixing tip), which weigh against finding secondary meaning.

48. Upon information and belief, secondary meaning should be determined using the substantial acquired distinctiveness standard required for color, and Registrant has not met that standard.

49. Based on the foregoing, the Subject Registration should be canceled for lack of secondary meaning.

COUNT III
REGISTRANT HAS NOT USED ITS MIXING TIP IN
COMMERCE IN CONNECTION WITH CLASS 10
GOODS WITHIN THE MEANING OF THE LANHAM ACT

50. Petitioner repeats and realleges the allegations contained in the preceding Paragraphs as if fully set forth herein.

51. Upon information and belief, pursuant to the Food, Drug and Cosmetic Act and/or other relevant federal statute(s), mixing tips used with dispensers of two part compositions for dental applications (“Dental Mixing Tips”) are medical devices that require approval of and registration with the Food and Drug Administration (“FDA”) for distribution in the U.S.A.

52. Upon information and belief, Registrant’s Dental Mixing Tips are not approved by and/or registered with the FDA and are thus being imported and distributed improperly in the U.S.A.

53. Based on the foregoing, Registrant’s shipments of its Dental Mixing Tips have, upon information and belief, been made in violation of a federal statute.

54. Accordingly, upon information and belief, Applicant has not made use of its Mark in commerce in connection with the Class 10 goods recited in its Registration within the meaning of the Lanham Act (i.e., *lawful* commerce), and therefore, the Subject Registration should be canceled with respect to the Class 10 goods.

COUNT IV
REGISTRANT HAS NOT SUBMITTED
A PROPER SPECIMEN OF USE

55. Petitioner repeat and reallege the allegations contained in the preceding Paragraphs as if fully set forth herein.

56. The Subject Registration should be canceled because Registrant failed to file an appropriate specimen of use.

57. The specimen is deficient in numerous respects.

58. First, although Registrant includes pages from the Internet, the website appears to be that of ConProTec Inc., not Registrant. In order for a page from a website to be an appropriate specimen of use for a product, the website must belong to Applicant. *See* T.M.E.P. § 904.03(i) (“There must be a means of ordering the goods directly from the applicant’s web page”).

59. The Internet page is also deficient because you cannot order production quantities of the product from the site, but rather, only a sample. *See Id.*

60. Although the specimen of use submitted also includes a purported “point of sale” display, it is not acceptable because, as indicated above, there is no indication of, by whom, how or where this display is used - for example, whether it is a photograph that appears in a showroom, and if so, whose showroom and how it relates to Registrant. *See Id.* at § 904.03(g) (“In order to rely on such materials as specimens, an applicant must submit evidence of point-of-sale presentation.”).

61. Registrant’s specimen of use is also defective since it does not show use of Registrant’s Mixing Tip in connection with the Class 7 goods covered by the Registration, namely, power-operated and machine-operated dispensing guns used for mixing adhesives and sealants for use in the construction, automotive, electronics, aerospace, and industrial assembly and repair industries.

62. Based on the foregoing, the Subject Registration should be canceled in its entirety, or, at the very least, with respect to the Class 7 goods.

COUNT V
REGISTRANT HAS NOT USED ITS MIXING
TIP IN COMMERCE IN CONNECTION
WITH THE CLASS 7 GOODS

63. Petitioner repeats and realleges the allegations contained in the preceding Paragraphs as if fully set forth herein.

64. Upon information and belief, Registrant has not used its Mixing Tip in commerce in connection with power-operated and machine-operated dispensing guns used for mixing adhesives and sealants for use in the construction, automotive, electronics, aerospace, and industrial assembly and repair industries in Class 7.

65. Based on the foregoing, the Subject Registration should be canceled with respect to the Class 7 goods.

66. For at least the reasons stated herein, the continued registration to Registrant of the aforesaid trademark for the aforesaid goods would in all likelihood be damaging to and has been and will continue to be damaging to Petitioner.

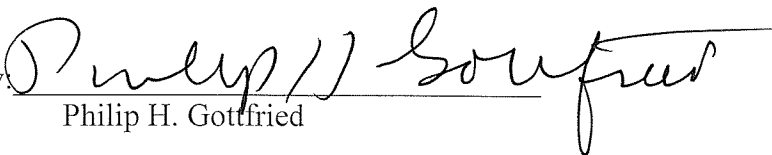
WHEREFORE, Petitioner prays that the within Cancellation Petition be granted and that U.S. Registration No. 3,762,233 be cancelled.

Respectfully submitted,

PAC-DENT INTERNATIONAL, INC.

By: AMSTER, ROTHSTEIN & EBENSTEIN LLP
Attorneys for Petitioner
90 Park Avenue
New York, New York 10016
(212) 336-8000

Dated: New York, New York
April 29, 2010

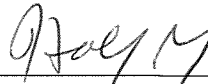
By: 
Philip H. Gottfried

CERTIFICATE OF SERVICE

The undersigned hereby certifies that she is one of the attorneys for Petitioner in the above-captioned Cancellation proceeding and that on the date which appears below, she caused copies of the foregoing PETITION TO CANCEL to be served on Registrant and Registrant's listed counsel by Federal Express, postage pre-paid, as follows:

Sulzer Mixpac AG
Rütistrasse 7
Haag (Rheintal) CH-9469
Switzerland

Michael T. Murphy, Esq.
Christopher S. Adkins, Esq.
K&L Gates LLP
1601 K Street N.W.
Washington, D.C. 20006



Holly Pekowsky

Dated: New York, New York
April 29, 2010

EXHIBIT A

SULZER

Sulzer Chemtech

Product Shape and Color™

produced by
Sulzer Mixpac AG
Grundstrasse 12
6343 Rotkreuz, Switzerland
www.sulzerchemtech.com

SULZER

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SULZER

Sulzer Chemtech

Product Shape and Color™

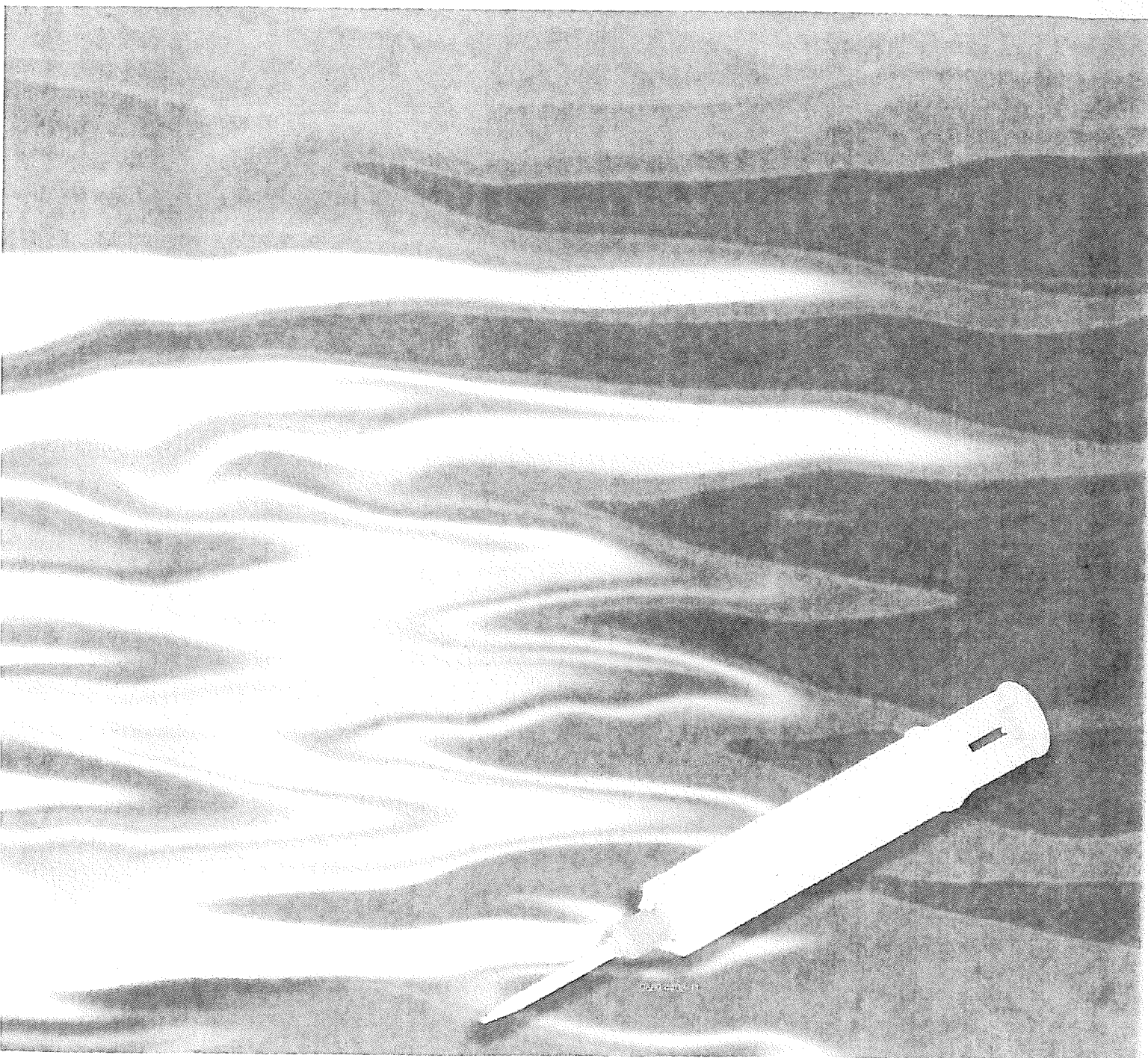
produced by
Sulzer Mixpac AG
Grundstrasse 12
6343 Rotkreuz, Switzerland
www.sulzerchemtech.com

EXHIBIT B

SULZER

Sulzer Chemtech

Mixpac™ Double-Syringe Application System
with accessories for 2.5 ml, 5 ml and 10 ml

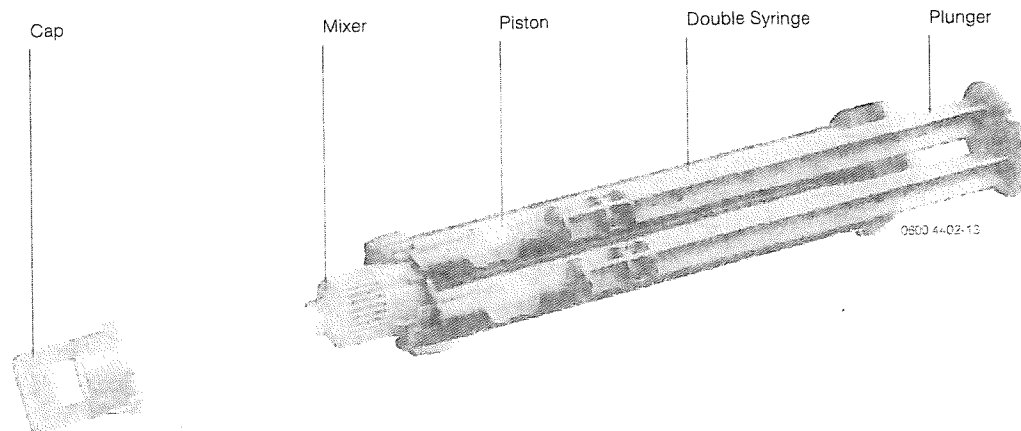


Mixpac™ Double-Syringe Application System with accessories for 2.5 ml, 5 ml and 10 ml

Sulzer Mixpac offers a complete range of double syringes for different volumes and mixing ratios. The separate cylinders of the double syringe prevent diffusion between the contents. The black double syringes are particularly suitable for light-sensitive materials.

This handy and compact automix application system opens up new opportunities in intraoral and extraoral applications. The diverse, high-quality components allow the application system to be tailored perfectly to the formulation of the product to be filled and its subsequent application.

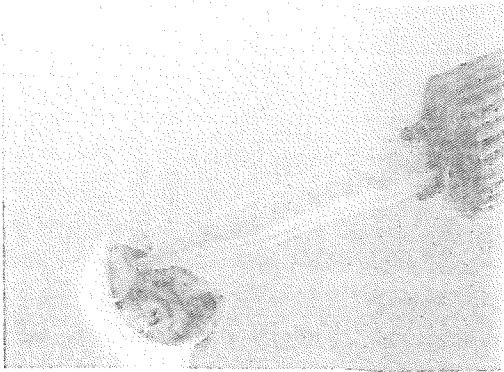
The ergonomic design of the dispenser enables to deliver the right spot in precisely the right amount. Also with high viscosity materials that can hardly be applied by hand.



Basic equipment:

The Sulzer Mixpac application system consists of the double-syringe body with separate cylinders, plunger, piston, cap and various mixers that can be selected as required according to the formulation of the material.

System Description



0607 4408-5



0607 4401-1

Double Syringes

The ergonomic design of the double syringe is particularly impressive. Its separate cylinders prevent any diffusion between the contents. This improves the storage stability of the filled products and is instrumental in maintaining their quality.

The black double syringes are particularly suitable for light-sensitive materials.

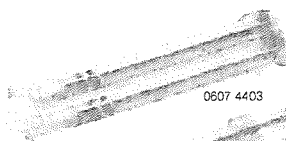
Volumes	Ratios	Colors
2.5 ml	1:1 / 4:1	transparent/white/black
5 ml	1:1 / 4:1	transparent/white/black
10 ml	1:1 / 4:1 / 10:1	transparent/white/black

Cap for outlets – safe and clean

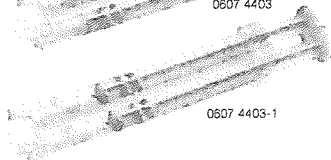
The completely separate double-syringe outlets prevent cross-contamination and blockage also during storage.



0609 4402-10



0607 4403



0607 4403-1

Plungers and pistons – reliable and safe

The plungers and pistons are well separated to prevent air or mixed material being drawn back when the plunger is pulled back.



0607 4414-1



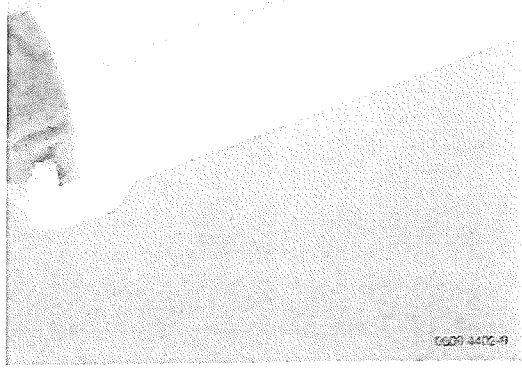
0607 4415-2

Silicone pistons – precise and tight

The silicone pistons guarantee excellent sealing characteristics and long-term stability.

PE pistons – exclusive and high grade

The PE pistons can be used as an alternative to the silicone pistons. They are recommended in situations where the silicone in the piston may react with the filled material in the cylinder.



0609 4412-9



0607 4409-5



0607 4409-5



0607 4410-9



0607 4410-6



0609 4402-17



0609 4402-16

Mixers – a wide selection

The range of mixers was specifically developed for the varied requirements of dental applications. The static mixing method provides excellent and consistent mixing results.

Color coding – matching mixer to product

To simplify handling, Sulzer Mixpac uses color-coded mixers and outlet caps. The color of the outlet cap used for a certain dental product identifies the most suitable mixer for this product.

Mixer inserts for a mixing ratio of 1:1 are translucent white; the inserts for mixing ratios 4:1 and 10:1 are orange in color.

Double Syringe Accessories



0607 4404

0607 4413-3

0607 4413

Accessories – for tight spots

Attachable tips are available for the simple and precise application of material, particularly in situations where access is difficult. The ultra-fine IOR tip, for example, is ideal for root canal treatment.

Dispensers – fatigue-proof and precise

To dispense high-viscosity materials with ease and precision Sulzer Mixpac developed dispensers for the 5 ml and 10 ml double syringes.

Advantages:

- Dispensing without fatigue
- Neat, targeted application
- Precise dosing

Volumes	Ratios	Colors
5 ml	1:1 / 4:1	white
10 ml	1:1 / 4:1 / 10:1	white

0607 4402-1

Double Syringes for Bleaching Applications

Sulzer Mixpac offers also a range of double syringes for bleaching applications.



0607 4419



0607 4418

Double Syringes

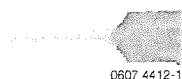
The double syringes are available in two sizes, each with two mixing ratios, and are easy to use during filling and application.

Volumes	Ratios	Colors
2.5 ml	1:1 / 4:1	transparent
5 ml	1:1 / 4:1	transparent

Flanged Plunger

The flanged plunger was developed specifically for bleaching materials. Small lips on the plunger head provide excellent sealing performance and long-term stability.

0607 4405-2



0607 4412-1



0607 4412-3



0609 4402-18



0609 4402-15

Mixers

Static mixers are ideally suited for bleaching applications and have been optimised to ensure negligible product loss and excellent mixing results.

Color coding – matching mixer to product

To simplify handling, Sulzer Mixpac uses color-coded mixers and outlet caps. The color „cool blue“ is reserved for mixers and outlet caps that are being used in bleaching applications.

Mixer inserts for a mixing ratio of 1:1 are translucent white; the inserts for mixing ratios 4:1 and 10:1 are orange in color.

L-System: Your benefits

Product advantages	Customer benefits
Separate outlets	<ul style="list-style-type: none"> • Safe and clean work • No cross-contamination • Multiple use
Rigid design	<ul style="list-style-type: none"> • Precise dosing - more accurate work • Ergonomic • Good long-term stability

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